IMPORTANCE OF CONCRETE DRAIN TILE ON FARM Certainly Candidate for Governor

Becomes Harder and Stronger With Age and Can Be Made as Porous as Those Made of Clay -Retains Its Shape.

Concrete tile become harder and | when they may be piled up and the stronger with age and may be made pallets used again. as porous as clay tile; in comparison the clay tile becomes water-soaked in position on the pallet with the core and disintegrates in the years of ser- in place. The mortar is placed in vice, thus causing broken tile and a the mold and tamped down.

useless drain. while the former are as strong as one until the mold is filled. extreme care to prevent breakage.

Again, to employ vitrified clay tile 48 hours. is to make a drain that does not abyet fully as strong as the best vitri-

The simple machine illustrated with of line, and for the inexperienced this article may be built in any size at a slight cost, and will enable anyone to make the best quality of concrete tile at a cost of 55 cents a rod when made in the 4-inch size; 77 cents a rod for 5-inch; 88 cents for 6-inch; \$1.10 for 8-inch; \$1.65 for 9inch; \$1.88 for 10-inch, and \$2.64 for 12-inch tile

The cost is based on sand at 75 cents a cubic yard; cement at \$2 per barrel; labor at \$2 a day. The tile are made as strong as possible, using one part cement to three parts of the gravel, which will give them all the strength needed for any service.

The 4-inch tile are made three-quarters of an inch thick; the 5, 6, and 8inch tile are made one inch thick: the 9 and 10-Inch are made 1 3-8 inches thick, and the 12-inch 11/2 inches thick

In this manner you can estimate the cost of your drain and easily compare with the cost of clay tile of the

By employing the proper methods for handling concrete in the winter, you may employ your spare time during the winter in making this much-needed article on the farm, and thus save the cost of labor, which is the greatest item in the above table of costs, averaging from 44 to 77 cents per rod of tile.

The machine explained in this article is one making a 6-inch tile, and from this explanation any other tile may be easily constructed.

A box form is built of two boards 18 inches long and 7 Inches wide, And two boards 18 inches long and 10 inches wide. These are joined together to make a form, the inside out of shape in burning, and thus measurements being 8x8 inches and 18 Inches high.

Fasten these boards together with two hinges at each of three corners, NECESSITY OF and the fourth corner fasten with two hooks and eyelets as shown in the illustration; this allows the ma-Thine to be folded back from the tile without injury.

Now nail in each corner of this box some three-cornered or beveled strips 18 inches long, but nail to just one side of board only, which will hold them in place and yet allow the machine to fold back from the work

For the core take a 6-inch stovepipe 24 Inches long and inside same place a 6-inch board 30 inches long. I study the problem the more it looks nailing securely as shown in the illustration. The top of this board is cut fixed to stand a poor crop, and that

core, as Illustrated. small three-quarters-of-an-inch projec- jarmers fail than any of the other tion or pin on same, which sets into lines of business mentioned in a time the holes bored in the pallet, thus incenter of the form.

larger than the form used for molding the tile, and in the center is bored three-quarter-inch hole to receive the pin on the bottom of the board in the core.

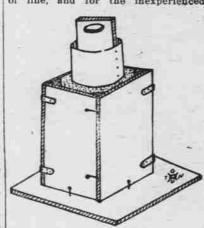
The outside part of the mold is held in position by four iron pins or his farm according to the best that These are placed by setting the casing in the correct position on the pallet and then on each side mark where the pin is to be placed, bore a hole for the same and arrange so it can be easily inserted and removed. of their cattle, sheep and horses than Small bolts or spikes will do for this they used to do. It is as much as adpurpose

A pallet is prepared for as many tile as you wish to make each day, their work. A flock of uniform size and the tile are left on the same for and color is very attractive and live t least 48 hours befere removing, birds sell better.

In operating, the machine is placed

The tamping process must begin This is easily demonstrated by ta- with the first mortar put in, otherking up concrete tile and clay tile that wise the tile will be too porous. Add have been imbedded in the ground; mortar and tamp down, and so on could wish and lift easily, the clay draw out the core and unbook the are brittle, and must be handled with sides and fold back from the tile leaving it upon the pallet to dry for

The tile thus made are 18 inches sorb water from the soil except at the long, requiring but 11 to the rod, and joints; while a concrete tile has all are octagon in shape which is so the advantages of being porous and planned that they may be easily laid. A round tile must be very carefully bedded, otherwise they will get out



Concrete Tile Machine.

worker this is a hard matter. A tile made in the octagon design has a flat surface, and thus all you have to do is to make the bottom of the trench smooth and insure the tile remaining in line.

The cost of this design over a round tile is but very little, and as it has many advantages, it should appeal to the inexperienced worker as he cannot help but secure correct and satisfactory results.

While the tile may be made in shorter lengths, it is merely a waste of labor as the 18-inch lengths are much quicker laid, and the tile are porous so the joints need not be as close as with vitrified clay.

Another great advantage of concrete tile is that each tile is perfect, while clay tile are very apt to draw make trouble when laying them.

GOOD CROPS

Farmer Is in Better Position to Stand Poor Yield Than Manufacturer, Banker and Railroad Man.

(By G. R. PERKINS)

Who is most interested in a good crop and a sure crop? The farmer, the manufacturer, the railroad man, merchant, or the banker? The more as though the farmer is the best box. Foster-Milburn Co., Buffalo, N. Y. it hurts the others more. The farmer loses less sleep over it than any of The bottom is cut down to leave a the others and proportionately fewer of poor crops. The farmer can get suring the core being always in the nis living from the ferm, can reduce expenses and economize in a way The pallets are made of any boards that the others cannot. From this it is plain that it is of vital interest to all that crops be a sure thing for each year, and each of these industries which has really grown out of the farm ought to put forth their best effort to see that the farmer handles we know of farming.

Selecting Breeds.

Farmers care more for the quality vantage to extend their pride and care to poultry as to any branch of

COOP FOR CHICKS

Could Not Expect to Get That Vote.

An incident in which former Governor Odell of New York figured as the victim was told by Col. James Hamilton Lewis at a recent banquet.

"When Governor Odell was last running for office," said Colonel Lewis, "there had been a great deal of talk about Niagara Falls and the electrical power that could be conferred on all parts of New York. One day an old negro halted Mr. Odell and said:

"'Mr. Odell, is yo' runnin' for gov'ner, sah?"

"'I am,' answered the candidate. "'I guess yo' want my vote, den,' said the colored man.

"'Well, I would like to have your vote, Zeb. I have known you for so many years.' "'Well, I jist want to ask you a

question, Mr. Odell, befo' I give mah vote to you. Are yo' for electric lights in dis town?" "Well, Zeb, I am for all modern im-

provements,' said Odell, with a slight

"'Well, sah, I can't vote for you,' said Zeb with firmness. 'Yo' done forget dat I is a lamp lighter."



LOOK TO YOUR KIDNEYS.

When Suffering From Backache, Headaches and Urinary Troubles.

They are probably the true source of your misery. To keep well, you must keep your kidneys well. There is no better kidney remedy than Doan's Kidney Pills.



them permanently Ernest bright, Kellogg, Idaho, says: I was nearly dead kidney with trouble. I passquantities of blood and lost 15 pounds

cure sick kid.

neys and cure

They

in weight in three weeks. My bladder was so full of gravel I could not hold the urine. I passed several stones as large as a pea. I rapidly improved under the use of Doan's Kidney Pills and was soon well and strong." Remember the name-Doan's.

For sale by all dealers. 50 cents a

"I heard a tale the other day of a postponing chap, who thought he'd buy a wheel so gay, but-They will be cheaper, perhaps.' And so he dallied year by year, the cheapest wheel to buy; but long before the cheapest gear, that yap he had to die! And so, by putting off the day, we miss the wine of life; and some there are in just that way who thus will miss a wife! Get busy now, you timid swain, procrastinate no more, for time is surely on the wane, and you a bache-Some wait too long to make a pick of husbands or of wife, and then some take a broken stick and make a mess of life."-H. B. Benedict, in

TO DRIVE OUT MALARIA

Take the Old Standard GROVES TASTELESS
(HILL TONIC. For know what you are taking. The formula is plainly refitted on every bottle, showing it is simply Quinine and Iron in a tasteless form. The Quinine drives out the malaria and the Iron builds up the system. Sold by all coalers for 30 years. Price 50 cents.

The Next War. "Was a bomb dropped on the ship?"

"Yes, but it was counterbalanced by a torpedo which exploded under her at the same moment."-Judge.

Beautiful Christmas Post Cards Free Send 2e stamp for five samples of our very best Gold Embossed Christmas Flow-er and Motto Post Cards; beautiful colors and loveliest designs. Art Post Card Club, 731 Jackson St., Topeka, Kan.

"So Blinks has had his income out down?"

"Yes; that is why he is so much cut up. Inslow's Soothing Syrup. sething, softens the gums, reduces in arapain, cures wind coile. He a bottle

Anaemia is often temporarily mis taken for virtue.

DECIDED TO TRY GREAT KIDNEY REMEDY

I want to tell you in a few words what your Swamp-Root did for me, believing that my testimony may do some other suffering person a great deal of good.

About six years ago, I was dangerously ill, consulted three doctors, all of whom said I had kidney trouble. One of the doctors analyzed my urine and reported that I had gravel, and further said that in order to regain my health and life, an in order to regain my health and life, an operation would be necessary. I did not want to be operated on as I was afraid that I would not recover. Someone told me of Dr. Kilmer's Swamp-Root and said it was a reliable medicine for kilmer's tribule. me of Dr. Alimer's Swamp-Root and said it was a reliable medicine for kidney trouble, so I decided to try it and went to Mr. Rose, the druggist, at 303 Central Ave., Minneapolis, and bought a bottle, took it, noticed results and continued

took it, noticed results and continued taking it until I was entirely cured.
Having been free from any kidney trouble for over six years, I consider that I am absolutely cured and know that Swamp-Root has the credit.

I never fail to tell my friends about your remedy, as I believe it is the best of its kind. Your U & O Cintment is also year, word. We are never without a ix.

very good. We are never without a jar

in our house.
Yours very truly,
MRS. MARGARET E. ANDERSON,
Minneapolis, Minn.

State of Minnesota
County of Hennepin
Personally appeared before me this 23rd
day of Sept., 1909, Mrs. Margaret E.
Anderson of the City of Minneapolis of
the State of Minnesota, who subscribed
the above, and on oath says that the same
is true in substance and in fact.

M. KERRIDGE,
Notary Public.

Notary Public, Commission expires March 26, 1914.

Dr. Kilmer & Co. Binghauten, X. Y.

Prove What Swamp-Root Will Do For You Send to Dr. Kilmer & Co., Bingham-ton, N. Y., for a sample bottle. It will convince anyone. You will also receive a booklet of valuable information, telling all about the kidneys and bladder. When writing, be sure and mention this paper. For sale at all drug stores. Price fiftycents and one-dollar.

The Key to Germany. Capt. Charles King, the author, praised, at the Milwaukee club, the German element in Milwaukee's pop-

"I know a soldier." said Captain King, "who met the kaiser last year in Berlin.

You have a thorough knowledge of our best thought and customs,' said the kaiser. 'Have you ever been to Germany before?

"O, yes, sir,' said the soldier. "'What cities have you visited? Berlin and Hamburg?' asked the kaiser. "'No, sir,' said the soldier. 'Milwaukee.'

Mutual Expectations.

A notoriously close-fisted man was taking his golfing holiday in Scotland, where he hoped to improve his game. and, by driving a hard bargain, had managed to secure the exclusive services of a first-class caddie, who was known to be a very good player. "Mind, now," said the ambitious southerner, "I expect to receive some really good tips from you during my stay here, you understand?" "Aye," replied the Scotsman, hitching up the heavy bag, "an' Ah'm expectin' the like frae ye, ye ken."-Golf Illustrated.

STATE OF OHIO CITY OF TOLEDO.
LUCAS COUNTY.

FRANK J. CHENEY makes oath that he is senior pariner of the firm of F. J. CHENEY & Co., doing business in the City of Toledo, County and State stormald, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATAMHH that cannot be cured by the use of HALL'S CATAMHH GURE.

FRANK J. CHENEY.

Sworn to before me and subscribed in my presence this 6th day of December, A. D., 1886.

A. W. GLEASON, BRAL

NOTARY PUBLIC. directly upon the blood his free. Bystem, Send for testimonials, free. F. J. CHENEY & CO., Toledo, O. Sold by all Druggista, 75c.

Take Hall's Family Pills for constipation.

Laying the Foundation. "Why are you always so careful to ask advice about what you are going

"So that if things go wrong I can say 'I told you so.' "

TRY MURINE EYE REMEDY for Red, Weak, Weary, Watery Eyes and Granulated Eyellds. Murine Doesn't Smart-Soothes Eye Pain. Sell Murine Eye Remedy, Liquid, 25c. 50c, \$1.00. Murine Eye Salve in Aseptic Tubes, 25c, \$1.00. Eye Books and Eye Advice Free by Mail:

Murine Eye Remedy Co., Chicago,

It's up to a man to choose between two evils when he is asked to beat the carpet or take care of the baby while his wife does it.

When the pulpit gets into poetic clouds it misses the man on the pavement.

If you wish beautiful, clear, white clothes use Red Cross Ball Blue. Large 2 oz. pack ee, 5 cents.

Revenge is better than a greedy kind of gratitude.

"That fellow cooked his reports." "I suppose that is how he happened

Some people treat the sermon as a table d'hote dinner, picking out the things that will not agree with them

to get into a stew."

HIS LIVELIHOOD AT STAKE DOCTORS ADVISED OPERATION -- WRONG IN THAT DIAGNOSIS

Physician's Method May Have Been All Right, but Here He Was at Fault.

We are told that the latest sensation in the medical world is the assertion of a doctor that he is able, by looking into a patient's eye, to make an accurate diagnosis of the complaint which the patient is suffering. But is this really as novel as it is supposed to be? I recollect hearing some time ago of a doctor who said to a patient who was under examination: "I can see by the appearance of your right eve what is the matter with you. You are suffering from 'liver.' "

"My right eye?" asked the patient. "Yes," returned the doctor. shows me plainly that your liver is out of order."

"Excuse me, doctor," said the patient, apologeticallly. "My right eye's



Same Old Point. Jack-I went gunning in the coun try one day last week. Tom-Bag anything? Jack-Nothing but my trousers.

If you would be pungent, be brief; for it is with words as with sunbeams -the more they are condensed, deeper they burn.-Southey.

AFTER SUFFERING ONE YEAR

Cured by Lydia E. Pinkham's Vegetable Compound

Milwaukee, Wis.—"Lydia E. Pinkham's Vegetable Compound has made me a well woman, and I would like to tell the whole world of it. I suffered from female trouble and fearful pains in my back. I had the best doctors and they all decided that I had a tumor in addition to my female trouble, and advised an operation. Lydia E. Pinkham's Vegetable Compound made me a well woman and I have no more backache. I hope I can help others by telling them what Lydia E. Pinkham's Vegetable Compound has done for me."—Mrs. Emma Imse, 833 First St., Milwaukee, Wis.

me."—MRS. EMMA IMSE, 833 First St., Milwaukee, Wis.

The above is only one of the thousands of grateful letters which are constantly being received by the Pinkham Medicine Company of Lynn, Mass., which prove beyond a doubt that Lydia E. Pinkham's Vegetable Compound, made from roots and herbs, actually does cure these obstinate diseases of women after all other means have failed, and that every such sufering woman owes it to herself to at least give Lydia E. Pinkham's Vegetable Compound a trial before submitting to an operation, or giving up ting to an operation, or giving up

Mrs. Pinkham, of Lynn, Mass., invites all sick women to write her for advice. She has guided thousands to health and her advice is free.

PATENT your invention. Free booklet Liberal Terms. Consult us. MILO 83 ldth St., Washington; 200 Dearborn St., Chicago.

W. N. U., WICHITA, NO. 45-1910.

NOT A PENNY TO PAY **MUNYON'S**

EMINENT DOCTORS AT YOUR SERVICE FREE We sweep away all doctor's charges. We put the best medical talent

within everybody's reach. We encourage everyone who ails or thinks he ails to find out exactly what his state of health is. You can get our remedies here, at your drug store, or not at all, as you prefer; there is positively no charge for examination. Professor Munyon has prepared specifics for nearly every disease, which are sent prepaid on receipt of price, and sold by all druggists.

Send to-day for a copy of our medical examination blank and Guide to Health, which we will mail you promptly, and if you will answer all the questions, returning blank to us, our doctors will carefully diagnose your case and advise you fully, without a penny charge.

Address Munyon's Doctors, Munyon's Laboratories, 53d & Jefferson

Streets, Philadelphia, Pa.



STANDARD OIL COMPANY (Incorporated) DOUGLAS 3.50 & SA SHOES FOR MEN S'SHOES, \$2.00, \$2.50 & \$3.00. BESTIN THE WORLD.
W. L. Douglas \$3.00, \$3.50 and \$4.00 shoes are positively the best made and most popular shoes for the price in America, and are the most economical shoes for you to buy.

o you realize that my shoes have been the standard f years, that I make and sell more \$3.00, \$3.50 and



them firmly, says Farm Press. Di- be protected by a gate. It is well to vide the barrel into halves-length- cover the whole outfit with wire wise-sawing through both the bottom screening to protect it against and and hoops. Secure the coop to four mais which prowl by night

Secure a stout, clean barrel and stakes-one driven at each corner. drive shingle nails through the hoops One end is, of course, closed by the on both sides of each stave, clinching half of the bottom. The other should